

# E-911 ADDRESSING

## Project Status and Direction

November, 2007



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GIS Coordinator

## INTERESTED AND INVOLVED AGENCIES

- Mono County (County)
  - Public Works Department has legal addressing authority
  - IT / GIS is handling integration and QC
- Town of Mammoth Lakes (Town)
  - Public Works Department has legal addressing authority
  - Data passed to Mono County for integration into data model
- Mammoth Community Water District (MCWD)
  - Performed initial field review and data collection for Mammoth
  - Data handed off to Town for QC review in 2005
- Mono County Sheriff Department (MCSD)
  - Manage the 911 dispatch system for Mono County & Town of Mammoth
  - All data is integrated into their Computer Automated Dispatch system
- Town and County Emergency Responders (Law Enforcement, Fire, Medics)

## BRIEF HISTORY

### Pre-2002:

- Mono County Dispatch relies on Verizon's standard phone record database with names, addresses and phone numbers (ANI/ALI)
- EMS and interested agencies begin talking about improving dispatch system

### 2002-2003:

- MCWD responds to own interests and those of local EMS entities and begins to collect posted addresses as part of their summer GPSing projects
- County contractor Talon Associates, LLC approached about the addressing problem and begins to research potential solutions

### 2004:

- Conversations between MCSD, Mono County I.T. and Talon Associates begin regarding the use of grant money to improve 911 dispatch system
- Interagency GIS cooperation is established between County, Town and MCWD
- An in-house GIS Coordinator is hired on by Town and County in late 2004 to facilitate data sharing and the addressing project

### 2005 - 2007

- Development of GIS data, addressing data model and project scope
- Early address maps and other digital products become available

## PROJECT FOCUS and STATUS

The 911 Project consists of four major focus areas:

1. Capture existing and develop new data to represent 'as-built' conditions in all populated areas of the County  
**90% Complete (but ongoing)**
2. Perform field checks, verify presence/accuracy of posted addresses and update the Town Addressing Ordinance to meet new addressing standards  
**75% Complete**
3. Produce paper map products, both large and small formats, for use in offices and in vehicles  
**60% Complete**
4. Implementation of Enhanced 911 (E-911) System and Computer Automated Dispatch  
**75% Complete**

## WHERE WE'RE HEADED (all timeframes are estimates)

### November - December, 2007:

- ~~Implement RIMS Map in Bridgeport Dispatch~~ → **Done!**
- Complete Field Check process for all remaining community areas
- Continue review and updates of GIS data and Verizon address database
- Finish drafts for all large-format address maps
- Complete Town of Mammoth Addressing Ordinance and begin public outreach
- Send out Address Correction Letters

### 1<sup>st</sup> Quarter, 2008:

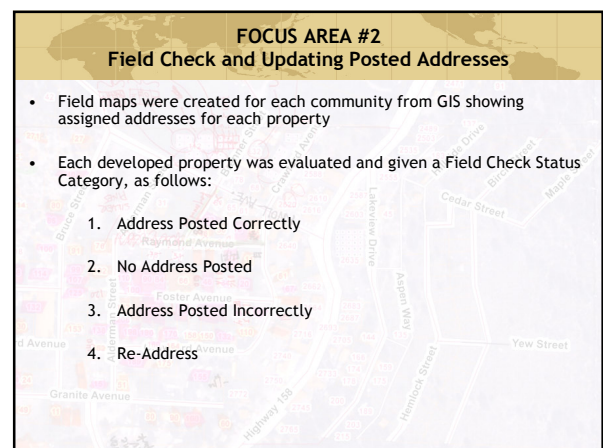
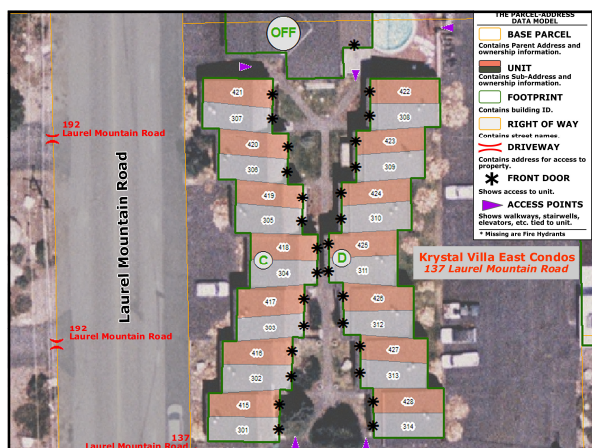
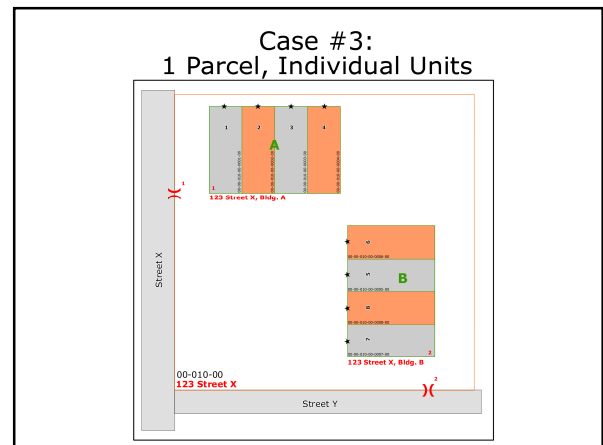
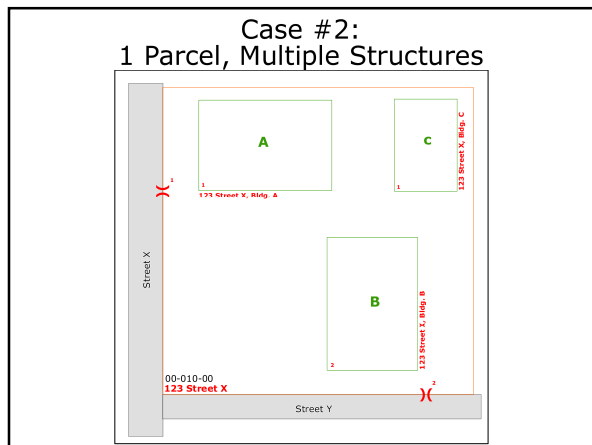
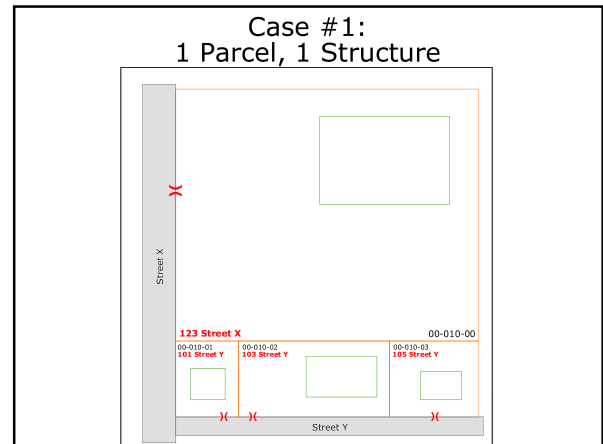
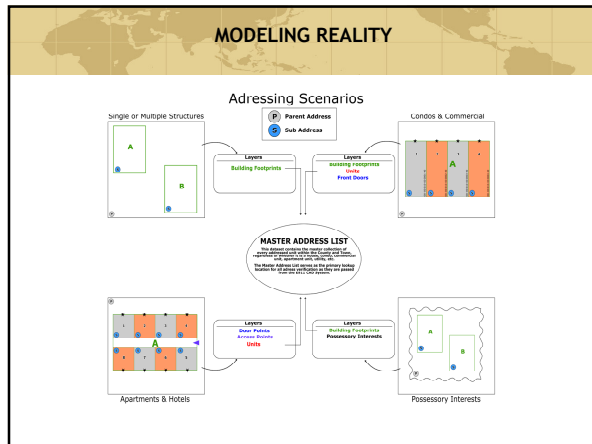
- Revise and produce final drafts for all large-format address maps
- Produce draft 11" x 17" 'run book' product for in-vehicle use
- Draft implementation of in-vehicle mapping applications
- Adopt Town of Mammoth Addressing Ordinance
- Correct addresses in Town that require changing

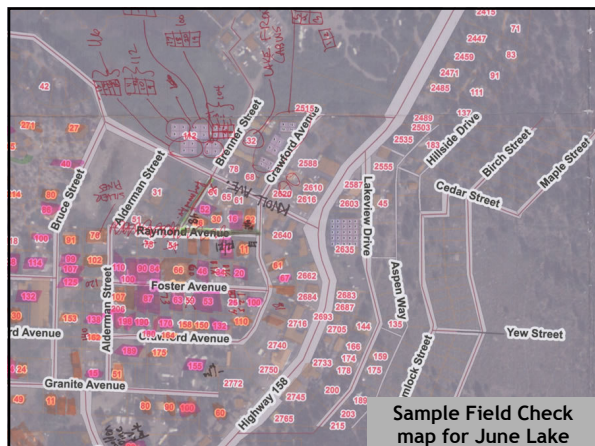
### 2<sup>nd</sup> Quarter, 2008:

- Continue data updates and improvements
- Respond to custom mapping and application needs

## FOCUS AREA #1 Capturing and Managing Address Data

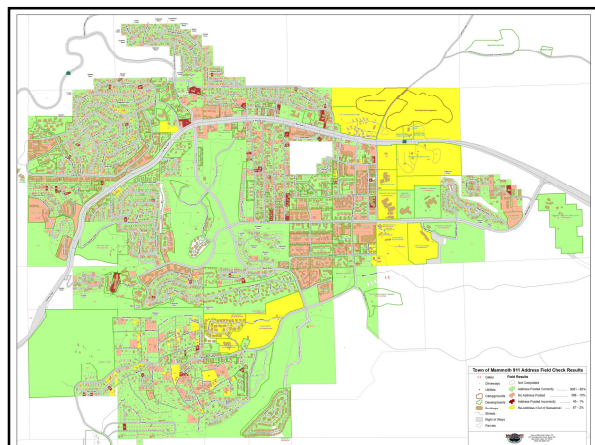
- Data was compiled from records within Mono County and Town's Public Works Departments and converted into database format
- Data was associated to specific parcels, structures and units based on Assessor Parcel Numbers with Geographic Information Systems (GIS)
- Analyses were performed and maps created to check the accuracy of the associations
- Updates and revisions are continuous based on information gathered in the field, from permit applications, new development proposals, etc.
- Data updates happen daily between the County Assessor's Office, County/Town Departments and Mono County Sheriff Dispatch





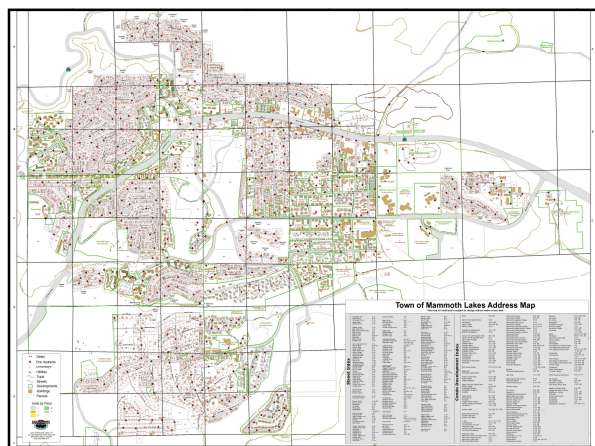
## FOCUS AREA #2 Interpreting Collected Field Data

- Field status maps are created for each community or focus area based on information collected
- Each property is updated in GIS with the appropriate field status code
- A list of properties is created for each of the four categories
  - Properties that fall into Categories 2 and 3 will receive correction letters (before the end of the year)
  - Properties that fall into Category 4 will be re-addressed upon the adoption of the new Street Addressing Ordinance (after the 1<sup>st</sup> of the year)



## FOCUS AREA #3 Map Production

- Large format (34" x 44") wall maps are being produced from the GIS data for each of the community areas in the County
  - Maps are routinely updated based on feedback from the local service providers who correct information or add more detail
- Small Format (11" x 17") 'run books' are being produced based on an Address Map Grid that divides the entire County into small blocks
  - Draft map book currently being developed and scheduled for initial production after 1<sup>st</sup> of the new year



## FOCUS AREA #4 Implementation of Dispatch System

- GIS data is loaded in 'RIMS Map' - a mapping program coupled with the County's dispatch software
- Mono County has been comparing Verizon's address database against our GIS cataloged address data
  - 19,000 phone 'connections' within Mono County
  - 7,500 addresses in the Verizon database do not match GIS addresses
    - 2,500 of those are within Town Limits
- Updates to addresses in Verizon database are being delivered to them community by community
- Mono County receives and reviews weekly updates of the database

### Town of Mammoth Address Ordinance Update

- The Town is updating the Addressing Ordinance in order to better define the methods and standards we are currently using
- Timeline:
  - October 24<sup>th</sup>, 2007 - Planning Commission Update
  - November 15<sup>th</sup>, 2007 - Public Outreach Event  
(4 staff and 1 public attended)
  - Week of December 3<sup>rd</sup>, 2007 - Address Correction Letters sent out
  - December 5<sup>th</sup>, 2007 - Town Council Update
  - January 23<sup>rd</sup>, 2008 - Planning Commission Public Hearing\*
  - February 20<sup>th</sup>, 2008 - Town Council Public Hearing\*  
(Anticipated resolution to adopt new addresses and ordinance)

\* Dates are goals